

INTERNATIONAL SEARCH REPORT

Interr Application No
PCT/EP2004/012488

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F04D17/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F04D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 572 469 A1 (CREUSOT LOIRE) 2 May 1986 (1986-05-02) page 4, lines 17-34 figure 1	1,3
A	FR 1 306 368 A (DE LAVAL STEAM TURBINE COMPANY) 13 October 1962 (1962-10-13) page 2, paragraph 3 figures 1,4,5	1,3
A	GB 2 181 785 A (* PROIZVODSTVENNOE OBIEDINENIE "NEVSKY ZAVOD" IMENI V I LENINA) 29 April 1987 (1987-04-29) the whole document	1,3
A	DE 38 35 341 A1 (PROIZVODSTVENNOE OB"EDINENIE "NEVSKIJ ZAVOD" IMENI V.I. LENINA, LENING) 19 April 1990 (1990-04-19) the whole document	1,3

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

1 February 2005

Date of mailing of the international search report

08/02/2005


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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR 2572469	A1	02-05-1986	NONE
FR 1306368	A	13-10-1962	NONE
GB 2181785	A	29-04-1987	FR 2589528 A1 07-05-1987 CH 667703 A5 31-10-1988 DE 3537587 A1 23-04-1987
DE 3835341	A1	19-04-1990	FR 2637948 A1 20-04-1990 CH 676487 A5 31-01-1991